

ANATOMY—Paper II (INCLUDES HEAD AND NECK, BRAIN, ABDOMEN AND PELVIS)

I. MULTIPLE CHOICE QUESTIONS

Note.—(1) *Do not write anything on the question paper.*

(2) *Write your register number on the answer-sheet provided.*

(3) *Select one most appropriate response and encircle the corresponding alphabet against each question in the answer-sheet provided.*

1. The epiglottis develops from :

- (A) Lingual swellings.
- (B) Tuberculum impar.
- (C) Cranial part of hypobranchial eminence.
- (D) Caudal part of hypobranchial eminence.

2. Inferior thyroid vein draws into :

- (A) Brachiocephalic.
- (B) Internal jugular.
- (C) External jugular.
- (D) Subclavian-vein.

3. The cranial nerve nuclei in the midbrain are all **except** :

- (A) Oculomotor.
- (B) Trochlear.
- (C) Trigeminal.
- (D) Abducent.

4. Left suprarenal vein drains into :

- (A) Inferior venacava.
- (B) Portal.
- (C) Left phrenic.
- (D) Left renal.

5. The nerve related to piriform recess :

- (A) Glossopharyngeal.
- (B) Internal laryngeal.
- (C) External laryngeal.
- (D) Pharyngeal plexus.

6. The derivatives of mesonephric duct include the following **except** :

- (A) Uterus.
- (B) Ureter.
- (C) Trigone of bladder.
- (D) Epididymis.

7. Motor speech area is located at :

- (A) Supramarginal gyrus.
- (B) Paracentral lobule.
- (C) Uncus.
- (D) Posterior end of inferior frontal gyrus.

8. Which one of the following ganglia relays fibres supplying dilator pupillae muscle ?

- (A) Superior cervical.
- (B) Middle cervical.
- (C) Inferior cervical.
- (D) Ciliary.

9. Duodenojejunal flexure is at the level of :

(A) L₁.

(B) L₂.

(C) L₃.

(D) T₁₂.

10. Accessory meningeal artery enters the cranium through :

(A) Foramen spinosum.

(B) Jugular foramen.

(C) Foramen ovale.

(D) Stylomastoid foramen.

(10 × ½ = 5 marks)

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II. State whether each of the alternatives given below is True (T) or False (F) in the answer-sheet :

1 Pharyngotympanic tube :

- (A) Develops from tubotympanic recess.
- (B) Connects oropharynx with middle ear cavity.
- (C) Has cartilagenous and long parts.
- (D) Lined by respiratory epithelium.

2 Scalenus anterior.

- (A) Is attached to first rib.
- (B) Is related anteriorly subclavean vein.
- (C) Is related posteriorly subclavean artery.
- (D) Forms the lateral boundary of triangle of vertebral artery.

3 The falx cerebri :

- (A) Is a double fold of endosteal layer of duramater.
- (B) Is attached to tentorium cerebelli.
- (C) Has a concave free border which contains straight sinus.
- (D) Is attached to cristagali of frontal bone.

4 The spermatic cord :

- (A) Is surrounded by tunica vaginalis.
- (B) Contains lymph vessels from scrotum.
- (C) Has testicular vein.
- (D) Contains lymph vessels from epididymics.

5 The rectum :

- (A) Is covered anteriorly by peritoneum along its whole length.
- (B) Is supplied by terminal branches of inferior mesenteric artery.
- (C) Has appendices epiploical.
- (D) Has permanent transverse mucosal folds.

(5 × 1 = 5 marks)

Reg. No.....

(Pages : 2 + 2 + 1 = 5)

K 5177

Name.....

**FIRST PROFESSIONAL M.B.B.S. DEGREE EXAMINATION
MARCH/APRIL 2005**

ANATOMY—Paper II (INCLUDES HEAD AND NECK, BRAIN, ABDOMEN AND PELVIS)

(New Scheme)

Time : Three Hours

Maximum : 50 Marks

*Answer Sections A and B in separate answer-books.
Draw diagrams wherever necessary.*

Section A

I. Multiple Choice Questions.

Single response type-10 (separate sheet attached).

(10 × ½ = 5 marks)

II. Multiple Choice Questions.

Multiple response type-5 (separate sheet attached).

(5 × 1 = 5 marks)

III. Write short notes on :

- 1 Septum of nose.
- 2 Pouch of Douglas.
- 3 Circle of Willis.
- 4 Right suprarenal gland.
- 5 Inferior constrictor muscle of pharynx.

(5 × 3 = 15 marks)

Section B

IV. A sixty year old man approached the doctor complaining a swelling in his right parotid region. During examination doctor noticed the swelling is very hard and there is a deviation of angle of his mouth to the left side. With your knowledge of anatomy answer the following questions : —

- 1 What is the reason for the deviation of angle of his mouth ?
- 2 Name the structures with in the parotid gland.
- 3 Describe the extracranial course and distribution of Facial nerve.

(1 + 2 + 7 = 10 marks)

V. Write briefly on :

Blood supply and lymphatic drainage of stomach.

(2 + 3 = 5 marks)

Turn over

VI. Write short answers on :

- 1 Dangerous area of scalp.
- 2 Bare area of Liver.
- 3 Ciliary ganglion.

(3 × 2 = 6 marks)

VII. Draw a simple diagram of the following :—

- 1 Transverse section of abdomen at the level of pylorus of stomach.
- 2 Transverse section of midbrain at the level of inferior colliculus.

(2 × 2 = 4 marks)